



# SMITH & ARDUSSI, INC.

115 SOUTH DAWSON STREET  
P.O. BOX 80847 • SEATTLE, WA 98108 • 206/762-9060

November 16, 1978

James W. Smith  
Reclamation Soils Specialist  
Department of Natural Resources  
1588 West North Temple  
Salt Lake City, UT 84116



Dear Mr. Smith:

I am sorry to hear that you did not receive our soil tests relative to the White Mountain Gypsum Co. deposit as they were attached to the map you referred to in your letter of 10/24/78. However, both the soil test and the accompanying letter are enclosed with this letter for your reference.

To pinpoint the exact location of where or which 10 acres we will remove this year becomes a challenge. I would approximate the S.W. corner of the Ace claim to be our target area for this marketing season. To say we are going to "mine" the area in the popular interpretation would probably be a misnomer in that we will not be "blasting" or "digging pits" etc. Our process involves a "removing" of selected surface areas, more commonly the sand dunes, with a front-end loader. There would be few instances where we could go to a depth of 18-20 inches below the surface of the ground, depending on the quality of the gypsum. WRONG!

As far as a unique reclamation technique for this area, we have none other than the tried and proven method used for past centuries -- wind. In this area, after a wind storm or two, it is hardly visible as to the areas where we had previously removed the gypsum. If you have a proven method to reclaim this area other than what has been used in the past, we would be delighted to have you assist us and put it into practice. Incidentally, in this area, the wind seems to have a weekly reclamation project going for itself rather than regiment itself to an annual basis.

Sincerely yours,

  
Ken Migchelbrink

cc: J. Sauve

Branch Office

P.O. BOX 8012  
BOISE, IDAHO 83707  
208/343-9392

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

September 14, 1978

James W. Smith  
Reclamation Soils Specialist  
Department of Natural Resources  
Division of Oil, Gas, & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Re: White Mtn. Gypsum Co.  
Millard County, UT  
ACT /027/001

Dear Mr. Smith:

Enclosed is a map of the claims area of which partial gypsum mining will be performed. You have been sent legal descriptions of the claims area previously, so identification will be easy. We are no longer mining the Bunker claim and have not done so since 1972.

Our present intent is to remove gypsum from the Jack and Ace Claims only over a period of 5 years. Since the gypsum is on the surface, and spotty, we will only remove those selected areas where there is approximately 18-20 inches of gypsum for an approximate 40 acre total. Other areas will be left undisturbed.

We have no roads, no buildings, no other surface facilities, no dumps, no stockpiles in the claims area as was indicated in our original "notice of intention to commence mining operations."

Continue to let us know if there are any other compliances.

Sincerely yours,

Ken

cc: Joe Sauve

Enclosures: Soil Test Report  
Detailed Map 24"x24"



**SOIL TESTING LABORATORY**  
Utah State University UMC 48  
Logan, Utah 84322

Date received 8/23/78

Payment received \$ 0

Balance due \$ 19.50

**Your USU Extension Agent** \_\_\_\_\_

| Lab. No. | Sample No. | Crop | Soil Texture (Estimated) | Lime      | pH             | Soluble Salts EC <sub>e</sub> | Organic Matter % | Plant Nutrient Index |                  |                 |  |
|----------|------------|------|--------------------------|-----------|----------------|-------------------------------|------------------|----------------------|------------------|-----------------|--|
|          |            |      |                          |           |                |                               |                  | Nitrate ppm N        | Phosphorus ppm P | Potassium ppm K |  |
| 2600     | King East  |      | Sand                     | ++        | 8.2            | 2.6                           |                  |                      | < .1             | 57              |  |
| 2601     | King West  |      | Sand                     | ++        | 8.1            | 5.3                           |                  |                      | < .1             | 320             |  |
|          |            |      |                          |           | meq/l          | (in Sat. Extract)             |                  |                      |                  |                 |  |
|          |            |      | <u>%Gypsum</u>           | <u>Na</u> | <u>Ca + Mg</u> | <u>SAR</u>                    |                  |                      |                  |                 |  |
|          |            |      | 87                       | 1.4       | 33.6           | .3                            |                  |                      |                  |                 |  |
|          |            |      | 74                       | 30        | 29.1           | 7.9                           |                  |                      |                  |                 |  |

\* See referenced notes on the back of this sheet for explanations and special instructions.

$$P_2O_5 \times .45 = P$$

$$K_2O \times .82 = K$$